In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-10. (Canceled)

11.   (Original) A computer system comprising:

a computer network;

one or more client computers connected to the computer network;

a plurality of server computers connected to the computer network;

a plurality of server computer programs executable by the plurality of server computers, wherein one or more of the server computer programs comprise computer instructions for:

determining whether one of the client computers has previously maintained a session with one of the server computers;

extracting a host name from the first communication request not in session;

determining whether the host name extracted from the first communication request not in session is a Site Name for the server, a Site Name for another server, a Group Name, or a Pool Name;

redirecting the request to the Site Name for the server when the extracted host name is a Group Name or other server Site Name;

redirecting the request to the Site Name for the server when the extracted host name is a Pool Name and the server is in the proper group;

performing both the above redirections such that a flag is introduced;

redirecting the request to the proper Group Name when the extracted host

name is a Pool Name and the server is in an improper group; and

redirecting the request to the proper Group Name when the extracted host

name is the Site Name for the server and the flag has not been introduced.

12.   (Original) The computer system of claim 11, wherein the server computer program

further comprises computer instructions for:

if the extracted host name is the Site Name for the server and the flag has been

introduced, initiating a new session for the client computer with the server computer and

delivering a page to the client computer from the server computer.

13.   (Original) The computer system of claim 12, wherein the server computer program

further comprises instructions for selecting a Group Name based on properties of the request.

14.   (Original) The computer system of claim 12, wherein the server computer program

further comprises instructions for performing admission control load overflow.

15.   (Original) The computer system of claim 11, wherein the computer network is the

Internet.

16-25. Canceled.

26. (Original) A method for distributing load among a plurality of server computers connected to one of more client computers via a computer network, the method comprising:

determining whether one of the client computers has previously maintained a session with one of the server computers;

extracting a host name from the first communication request not in session;

determining whether the host name extracted from the first communication request not in session is a Site Name for the server, a Site Name for another server, a Group Name, or a Pool Name;

redirecting the request to the Site Name for the server when the extracted host name is a Group Name or other server Site Name;

redirecting the request to the Site Name for the server when the extracted host name is a Pool Name and the server is in the proper group;

performing both the above redirections such that a flag is introduced;

redirecting the request to the proper Group Name when the extracted host name is a Pool Name and the server is in an improper group; and

redirecting the request to the proper Group Name when the extracted host name is the Site Name for the server and the flag has not been introduced.

27. (Original) The method of claim 26, further comprising:

if the extracted host name is the Site Name for the server and the flag has been introduced, initiating a new session for the client computer with the server computer and delivering a page to the client from the server computer.

28.   (Original) The method of claim 27, further comprising selecting a Group Name based on properties of the request.

29.   (Original) The method of claim 27, further comprising performing admission control load overflow.

30.   (Original) The method of claim 26, wherein the computer network is the Internet.

31.   Canceled.

32.   (Original) A computer-readable storage medium comprising a server computer program executable by at least one of a plurality of server computers connected to one or more client computers over a computer network, the server computer program comprising computer instructions for:

determining whether one of the client computers has previously maintained a session with one of the server computers;

extracting a host name from the first communication request not in session;

determining whether the host name extracted from the first communication request not in session is a Site Name for the server, a Site Name for another server, a Group Name, or a Pool Name;

redirecting the request to the Site Name for the server when the extracted host name is a Group Name or other server Site Name;

redirecting the request to the Site Name for the server when the extracted host name is a Pool Name and the server is in the proper group;

performing both the above redirections such that a flag is introduced;

redirecting the request to the proper Group Name when the extracted host name is a

Pool Name and the server in an improper group; and

redirecting the request to the proper Group Name when the extracted host name is the

Site Name for the server and the flag has not been introduced.

33.   (Original) The computer-readable storage medium of claim 32, wherein the server

computer program further comprises computer instructions for:

if the extracted host name is the Site Name for the server and the flag has been

introduced, initiating a new session for the client computer with the server computer and

delivering a page to the client computer from the server computer.

34.   (New) A computer system comprising:

a computer network;

one or more client computers connected to the computer network;

a plurality of server computers connected to the computer network;

a plurality of server computer programs executable by the plurality of server

computers, wherein one or more of the server computer programs comprise computer

instructions for:

receiving a communication request from one of the client computers;

extracting a host name from the communication request;

determining whether the host name extracted from the communication request

is a Site Name for the server; and

redirecting the communication request to a Pool Name for a Pool or Group

Name for a Group corresponding to the server computer that received the

communication request.

35.   (New) The computer system of claim 34, wherein the server computer programs

further comprise computer instructions for performing the redirection only if a flag has not

previously been introduced.

36.   (New) The computer system of claim 34, wherein the server computer programs

further comprise computer instructions for:

receiving a request for an address of one of the server computers from one of

the client computers;

selecting one of the server computers; and

sending to the client computer an address of the selected server computer.

37.   (New) The computer system of claim 36, wherein the server computer programs

further comprise computer instructions for:

basing a selection of a server computer upon the status and priority of each server

computer; and

making the selection of the server computer so as to balance such selections in

aggregate across all server computers with highest priority and acceptable status.

38.   (New) The computer system of claim 37, wherein the request for an address includes a

Site Name.

39. (New) The computer system of claim 38, wherein at least one of the server computers is a DNS Failover server authoritative for the Site Name.

40. (New) The computer system of claim 37, wherein the request for an address includes a Pool Name or Group Name.

41. (New) The computer system of claim 40, wherein at least one of the server computers is a DNS Load Balance server authoritative for the Pool Name or Group Name.

42. (New) A computer system comprising:

a computer network;

one or more client computers connected to the computer network;

a plurality of server computers connected to the computer network;

a plurality of server computer programs executable by the plurality of server computers, wherein one or more of the server computer programs comprise computer instructions for:

receiving a communication request from one of the client computers;

extracting a host name from the communication request;

determining whether the host name extracted from the communication request is a Pool Name for a Pool or Group Name for a Group corresponding to the server that received the communication request; and

redirecting the communication request to a Site Name corresponding to the server computer that received the communication request.

43.　(New) The computer system of claim 42, wherein the server computer programs further comprise computer instructions for performing the redirection such that a flag is introduced.

44.　(New) The computer system of claim 42, wherein the server computer programs further comprise computer instructions for redirecting the request to a Site Name corresponding to the server computer when the extracted host is a Pool Name and the server computer is in the proper Group.

45.　(New) The computer system of claim 42, wherein the server computer programs further comprise computer instructions for redirecting the request to a corresponding proper Group Name instead, when the extracted host name is a Pool Name and the server computer is in an improper Group.

46.　(New) The computer system of claims 45, wherein the determination of proper or improper Group is made based on properties of the request.

47.　(New) The computer system of claim 42, wherein the server computer programs further comprise computer instructions for:

　　　receiving a request for an address of one of the server computers from one of the client computers;

　　　selecting one of the server computers; and

　　　sending to the client computer an address of the selected server computer.

48.   (New) The computer system of claim 47, wherein the server computer programs further comprise computer instructions for:

basing a selection of a server computer upon the status and priority of each server computer; and

making the selection of the server computer so as to balance such selections in aggregate across all server computers with highest priority and acceptable status.

49.   (New) The computer system of claim 48, wherein the request for an address includes a Site Name.

50.   (New) The computer system of claim 48, wherein at least one of the server computers is a DNS Failover server authoritative for the Site Name.

51.   (New) The computer system of claim 48, wherein the request for an address includes a Pool Name or Group Name.

52.   (New) The computer system of claim 51, wherein at least one of the server computers is a DNS Load Balance server authoritative for the Pool Name or Group Name.